

16138 U.S. PTO  
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Certificate of Mailing By "U.S. Express Mail" Under 37 C.F.R. 1.10(c)  
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I hereby certify that this paper and/or fee is being deposited with the United States Postal Service  
"EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10 on the date indicated  
above and is addressed to the Assistant Commissioner For Patents, P.O. Box 1450, Alexandria 22313-1450  
Name: Jantjie 12/12/03  
Signature: [Signature] Date

Docket No.: LUX-P018

## APPLICATION TRANSMITTAL LETTER

Commissioner of Patents  
P.O. Box 1450.  
Alexandria, VA 22313-1450

### ATTN: MAIL STOP PATENT APPLICATION

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): **Gunn III, et al.**

Entitled: **"POLARIZATION SPLITTING GRATING COUPLERS"**

66 No. pages of specification, including title page, claims and abstract

6 No. sheets of X informal,      formal drawings (Figs. 1-9)

Also enclosed are:

- X Executed Combined Declaration and Power of Attorney for Patent Application
- X An Original Executed Assignment of the Application
- X Form PTO-1595 (Recordation Cover Sheet for Assignment)
- X Application Data Sheet ( 5 sheets)

### FEES DUE

X Applicant Claims Small Entity Status (37 CFR 1.27)

The fees due for filing the application pursuant to 37 C.F.R. 1.16 and for recording the Assignment, if any, are determined as follow:

| CLAIMS  |               |            |              |                              |            |
|---|---------------|------------|--------------|------------------------------|------------|
|   | No. of Claims |            | Extra Claims | Rate                         | Fees       |
| Basic Application Fee (\$770.00 large entity; \$385 small entity)           |               |            |              |                              | \$ 385.00  |
| Total Claims  | 154           | Minus 20 = | 134          | X \$18 =<br>X \$ 9 (small) = | 1206 .00   |
| Total Independent Claims  | 4             | Minus 3 =  | 1            | X \$86 =<br>X \$43 (small) = | 43.00      |
| If Multiple Dependent Claims are presented, add \$290.00 or \$145.00(small) |               |            |              |                              |            |
| If Assignment enclosed, add Assignment Recording Fee \$40.00                |               |            |              |                              | 40.00      |
| TOTAL APPLICATION FEE DUE   |               |            |              |                              | \$ 1674.00 |

### PAYMENT OF FEES

031356 U.S. PTO  
10/734374  
121203

The full fee due in connection with this communication is  
and is provided as follows:

\$ 1674.00

\_\_\_\_\_ The Commissioner is hereby authorized to charge the fees associated with this communication or credit any overpayment to **Deposit Account No: 500482**. A duplicate copy of this authorization is enclosed.

X A Check No. 0983 for the above-specified full fee is enclosed. However, in case Applicant inadvertently miscalculated any required fee, the Commissioner is hereby authorized to charge the necessary additional amount associated with this communication or credit any overpayment to **Deposit Account No: 500482**. A duplicate copy of this authorization is enclosed.

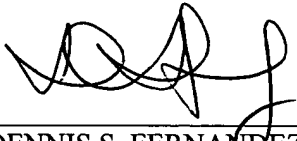
This application is filed pursuant to 37 C.F.R. 1.53 in the name of the above-identified Inventor(s).

Please direct all correspondence concerning the above-identified application to the following Custom Number and Address:

**Customer No: 22877**

**FERNANDEZ & ASSOCIATES, LLP**  
**PATENT ATTORNEYS**  
PO BOX D  
MENLO PARK, CA 94026-6204  
(650) 325-4999  
(650) 325-1203: FAX  
EMAIL: *iploft@iploft.com*

Respectfully submitted,



DENNIS S. FERNANDEZ, ESQ  
Reg. No. 34,160

12/12/03

Date

The Commissioner for Patents  
United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450  
ATTN: Mail Stop Patent Application

Re: U.S. Utility Patent Application  
Appl. No. (Not yet assigned); Filed 12/12/03  
For: **Polarization Splitting Grating Couplers**  
Inventor(s): **Gunn III, et al.**  
Docket No.: **LUX-P018**

Sir:

The following documents are forwarded herewith for action by the U.S. Patent and Trademark Office:

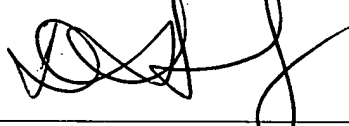
1. U.S. UTILITY APPLICATION  
entitled: **Polarization Splitting Grating Couplers**  
having named inventor(s):  
**Gunn III, et al.**
  - a. a specification consisting:
    - (i) 29 pages prior to the claims, including title page;
    - (ii) 36 pages of claims;
    - (iii) 1 page abstract;
  - b. 6 sheets of informal drawings: (FIGs. 1-9);
2. An original, executed Combined Declaration and Power of Attorney by named inventors;
3. Form PTO-1082 (in duplicate);
4. Cover letter for Assignment (Form PTO-1595)
5. An original, executed Assignment to **LUXTERA, INC.**, executed by named inventors, recordation of which is hereby requested;
6. Check No. 0983 For \$ 1674.00 to cover:

|                                |           |
|--------------------------------|-----------|
| Patent application filing fee: | \$ 385.00 |
| Assignment Recordation fee:    | \$ 40.00  |
| Excess claims fee:             | \$1249.00 |
7. Application Data Sheet( 5 sheets); and
8. A return post card

It is respectfully requested that the attached postcard be stamped with the filing date of the above documents and unofficial application number and returned to the addressee as soon as possible.

12/12/03  
Date

Respectfully submitted,



DENNIS S. FERNANDEZ, ESQ  
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Customer No: 22877  
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